

INDIANA DEPARTMENT OF TRANSPORTATION  
INTER-DEPARTMENT COMMUNICATION  
Standards Section -- Room N642

July 30, 1999

STANDARD DRAWING MEMORANDUM 00-1 M

TO: All Designers, Operations and District Personnel, Consultants,  
Contractors, and Vendors

THRU: /s/ Firooz Zandi  
Firooz Zandi  
Acting Chief Highway Engineer

FROM: /s/ Anthony L. Uremovich  
Anthony L. Uremovich  
Standards Engineer

SUBJECT: New and Revised Metric Standard Drawings

EFFECTIVE: Lettings Between January 1, 2000, and April 30, 2000

We are transmitting herewith, prints of new and revised, metric standard drawings. These drawings were approved by the Acting Chief Highway Engineer with the date of January 3, 2000. The drawings which are listed below under Standards Committee Action were verbally approved during a Standards Committee meeting by the Federal Highway Administration with the date of January 3, 2000. The drawings which are listed below under Editorial Changes were submitted to the Federal Highway Administration for their written approval on June 9, 1999. Such drawings were approved by the Federal Highway Administration on July 20, 1999, with an approval date of January 3, 2000.

We are also attaching herewith, one copy of the Metric Standard Drawings Index, which is shown to be current as of January 1, 2000.

STANDARDS COMMITTEE ACTION

Drawings 718-UNDR-01 through -06 are revised versions of the underdrain series. Drawing 718-UNDR-07 is a new additional drawing for this series.

EDITORIAL CHANGES. A = Adopted, R = Revised.

<u>Drawing</u>	<u>A / R</u>	<u>Change</u>
500-PTRN-02	R	de to de/2 at joint
601-CWGS-02	R	Table designation
601-MPPG-01	R	Table designations
601-TTGB-01	R	Correct post distances above ground
601-TTGB-03	R	Correct dimensions per industry practice
601-TTGB-04	R	Correct dimensions per industry practice
601-TTGB-05	R	Correct dimensions per industry practice
601-TWGB-01	R	Eliminate Note 2
601-WBGA-01	R	Correct assembly widths, slopes
601-WBGA-02	R	Post P desirable distance
601-WBGC-03	R	Correct M16 hex bolt length
602-TCCB-04	R	Dimension maximum asphalt depth for anchorage
603-CLTF-01	R	Correct reference in Note 3
603-CLTF-02	R	Update AISC designation in Note 2
603-CLTF-03	R	Correct reference in Note 2
604-SWCR-09	R	Correct min. width of type G ramp
605-CNCB-01	R	HMA and asphalt designations
605-CNCB-02	R	HMA and asphalt designations
607-PSDT-05	R	Eliminate design policy statement from Note 1
610-DRIV series	R	Harder, more consistent metrication
610-PRAP-04	R	Note 2 typography
610-PRAP-06	R	Radius to 12 m
610-PRAP-13	R	Concrete designations
610-PRAP-14	R	Concrete designations
610-PRCO-01	R	Add reference note
610-PRCO-01A	A	Metricate overlooked details
610-PRCO-01B	A	Metricate overlooked details
610-PRCO-07	R	Metricate design vehicle; hard metricate shld width
610-UTMO-01	R	Pavement section in accordance with new policy
611-MBAS-04	R	HMA designations; typography
616-SWCO-05	R	Pipe designation per new concept
622-LSPL-03	R	Eliminate protective wrap specification reference
706-TASE-01	R	Eliminate Note 1
706-TASE-02	R	Add new note
706-TASE-03	R	WBC to WGB; add references
706-TASE-05	R	Phraseology to "reinf. concrete bridge approach"
801-TCDV-04	R	Update AISC designations
801-TCDV-08	R	Eliminate material specification from Note 5
801-TCLC-04	R	Title block typography
802-SNGP-04	R	Eliminate material specification from shim detail
802-SNGP-05	R	Torque units, values
802-SNGP-10	R	Add post sizes per industry practice; elim. Note 2
802-SNGS-04	R	Notes' clarity; eliminate superfluous notes
802-SNPL-01	R	Eliminate sign sizes
803-SNCS-02	R	Anchor bolts dia. from 56 to 50

<u>Drawing</u>	<u>A / R</u>	<u>Change</u>
803-SNIL-06	R	Update AISC designations
803-SNOH-01	R	Update AISC designation
803-SNOH-02	R	Notes' typography
803-SNOH-06	R	Update AISC designation; eliminate note
803-SNOH-13	R	Eliminate material reqmts. for vertical member
803-SNWR-04	R	Eliminate proprietary requirement note
803-SNWW-02	R	Eliminate proprietary requirements in notes
803-SNWW-08	R	Update AISC designations
803-SNWW-09	R	Update AISC designations
803-SNWW-11	R	Update AISC designation
805-SGMA-07	R	Eliminate material specifications notes
807-LTFD-02	R	Note 2 clarity
807-LTFD-08	R	Eliminate material specifications note
807-LTHI-06	R	Elim. material spec. note; add reference note
807-LTHI-07	R	Eliminate proprietary requirement in note
807-LTHM-02	R	Update AISC designations
807-LTHM-04	R	Correct metric rebar designation; add Note 3
807-LTSP-02	R	Add reference note
807-LTSP-03	R	Add Note 2
807-LTSP-04	R	Correct metric symbols
807-LTUP-02	R	Update AISC designations
807-LTUP-04	R	Update AISC designation
807-LTUP-05	R	Correct metric symbols
808-MKNB-01	R	Show speeds in mph also
808-MKNB-02	R	Show speeds in mph also
808-MKNB-04	R	Notes' clarity; eliminate superfluous notes
808-MKPM-03	R	Posted speeds to mph
808-MKPM-05	R	Eliminate C, G, S, O details; add reference note
808-MKPM-06	R	Posted speeds to mph
808-MKPM-07	R	Show speeds in mph also
808-MKRM-03	R	Consolidate notes into upper right of drawing
808-MKRM-04	R	Consolidate notes into upper right of drawing
808-MKRM-05	R	Consolidate notes into upper right of drawing
808-MKRM-06	R	Consolidate notes into upper right of drawing
808-MKRM-11	R	Replace concrete casting with type 2 metal casting

## DISCONTINUED DRAWINGS

The 601-EATB series has been superseded by drawings 601-GAIA-01, -02, and 03, and drawing 601-IAED-01.

FZ:ALU:alu

### Attachments:

- Metric standard drawings
- Metric Standard Drawings Index

[F:\Sdmemo\Signed\00-1M]